

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013830.D
 Acq On : 30 Oct 2019 12:00
 Operator : SY/VA
 Sample : K5565-10RE
 Misc : 5.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLN6RE

Quant Time: Oct 31 05:31:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	145639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	148510	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	74742	25.00	ug/L	0.00

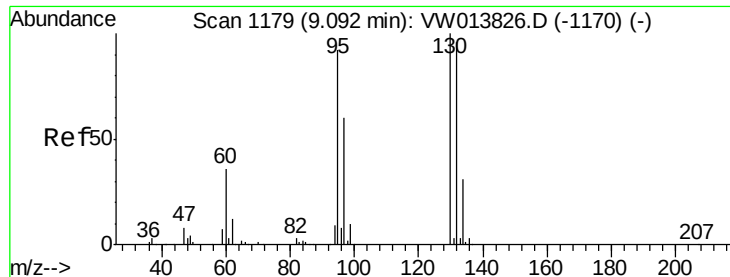
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	43097	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
7) Chloroethane-d5	2.89	69	35791	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
10) 1,1-Dichloroethene-d2	4.01	63	68383	17.33	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	7.07	46	24786	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
24) Chloroform-d	7.65	84	90116	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	8.31	65	46530	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.32%
29) Benzene-d6	8.27	84	188924	21.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.68%
33) 1,2-Dichloropropane-d6	9.27	67	56336	21.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.56%
37) Toluene-d8	10.32	98	170306	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	23257	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.40%
39) 2-Hexanone-d5	10.93	63	18399	36.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44022	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	57661	21.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.32%

Target Compounds

					Ovalue
35) Trichloroethene	8.84	95	4205	1.538 ug/L #	2
36) Methylcyclohexane	9.27	83	13703	2.844 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	5924	2.274 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1395	0.339 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	7507	4.274 ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#35

Trichloroethene

Concen: 1.538 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013830.D

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Instrument :

MSVOA_W

ClientSampleId :

JLNB6RE

Tot Ion: 95 Resp: 4205

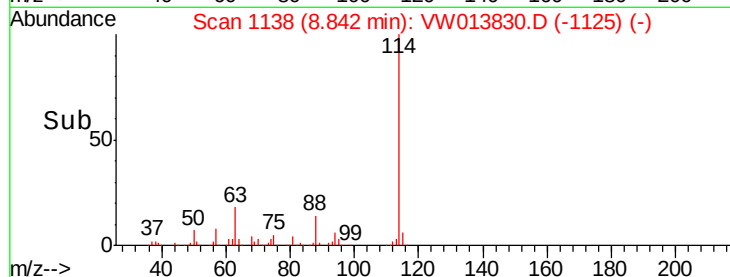
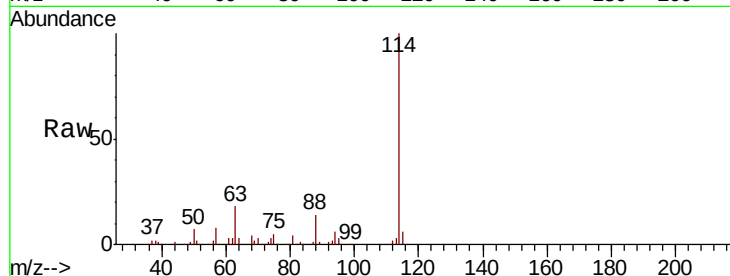
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

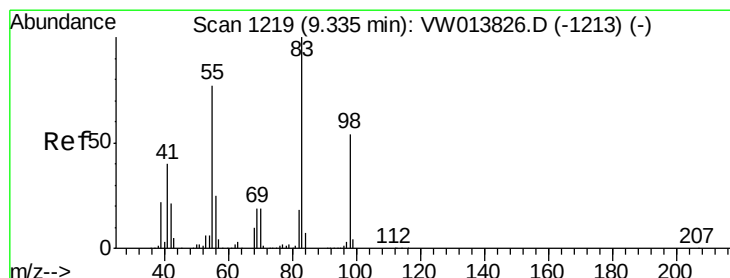
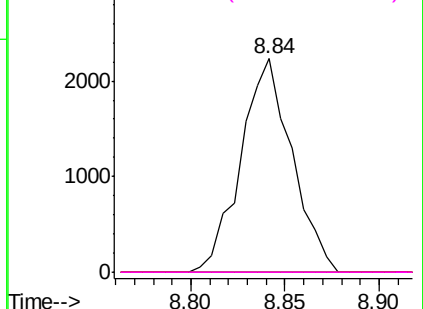


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 2.844 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW013830.D

Acq: 30 Oct 2019 12:00

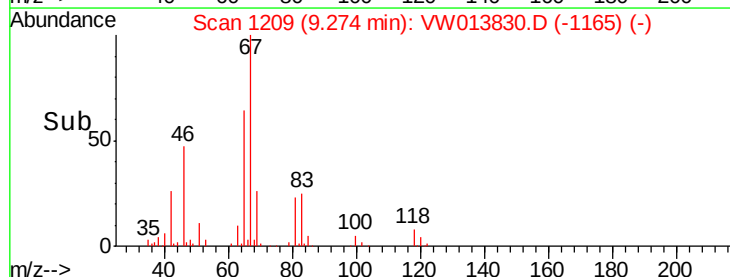
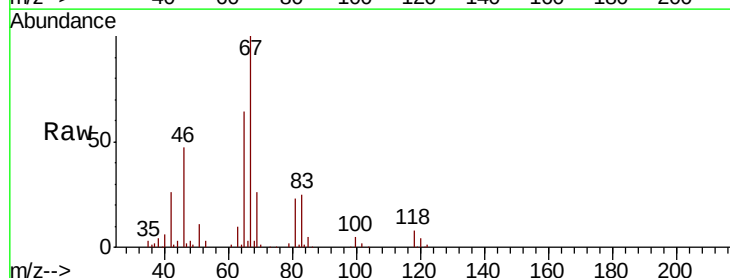
Tgt Ion: 83 Resp: 13703

Ion Ratio Lower Upper

83 100

55 0.5 60.2 90.4#

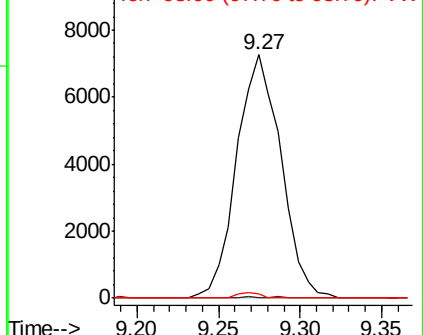
98 1.2 39.1 58.7#

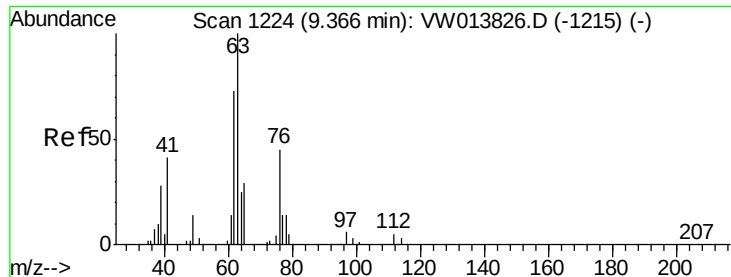


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.274 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013830.D

Acq: 30 Oct 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

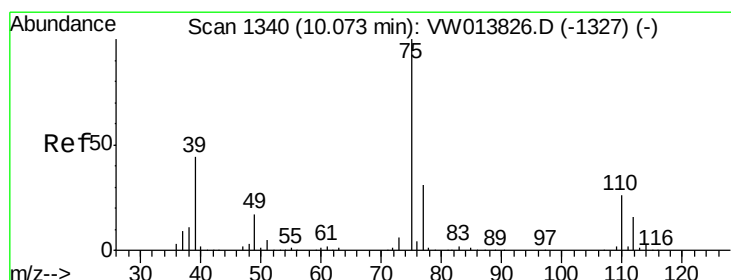
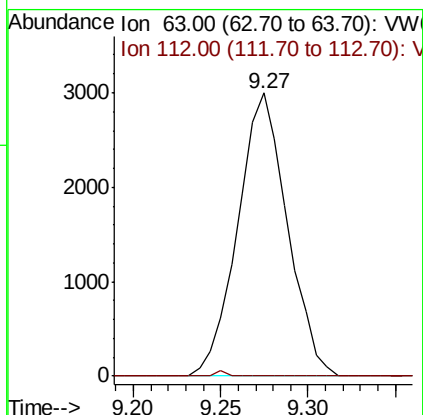
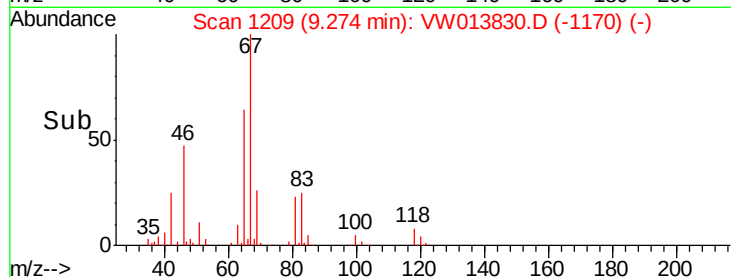
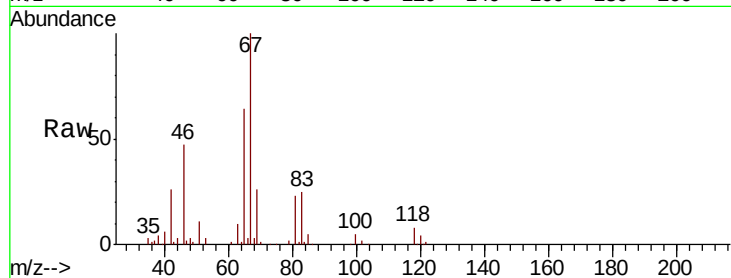
JLNB6RE

Tot Ion: 63 Resp: 5924

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#42

cis-1,3-Dichloropropene

Concen: 0.339 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013830.D

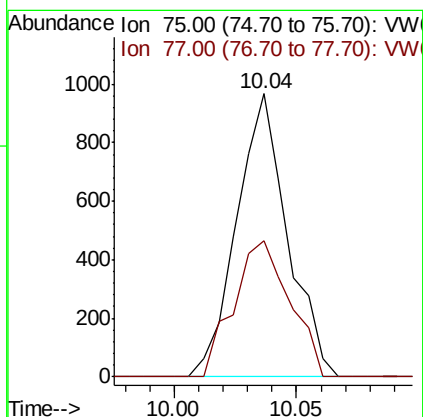
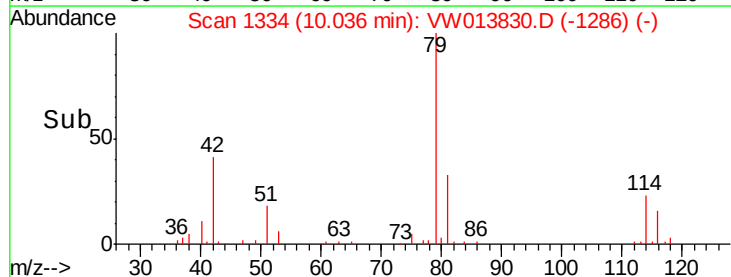
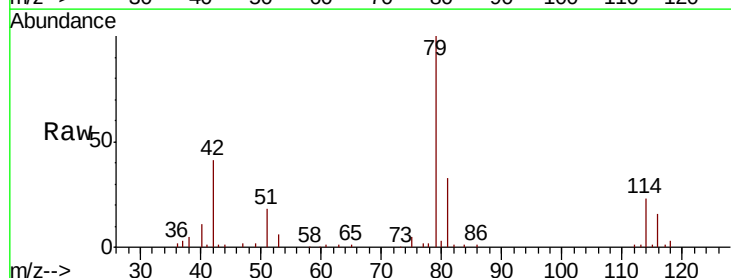
Acq: 30 Oct 2019 12:00

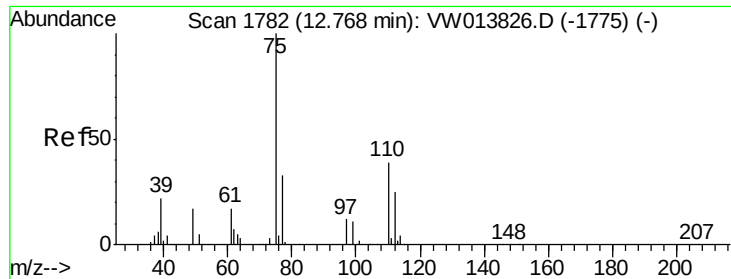
Tgt Ion: 75 Resp: 1395

Ion Ratio Lower Upper

75 100

77 48.2 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.274 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013830.D

Acq: 30 Oct 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

JLNB6RE

Tot Ion: 75 Resp: 7507

Ion Ratio Lower Upper

75 100

77 36.9 26.4 39.6

